Telephony

VOLUME XIV.

JULY–DECEMBER, 1907

LIBRARY OF CONGRESS
JAN 22 1908
TRIBUTION DIVISION

496
84
10

TELEPHONY PUBLISHING CO.,
PUBLISHERS,
MANHATTAN BUILDING
CHICAGO, U. S.

INDEX.

A Correction....189
All Cable Distribution. E. D. Reynolds....42-46
All-Steel Telephone, The....371
A Lucky "Hello" Girl....272
An Absurd Rumor and a Warning....100
An Anarchistic Utterance....38
An Approval....360
An Attractive Souvenir....113
An Enterprising Manager....277
An Important Decision....157
An Interesting Volume....379
Anti-Bell Fight in Providence....100-101
A Plain Statement....299
Approves Merico Soldering Paste....382
Association Stamps....156
Association Work in 1906-1907. J. A. Harney....33-34
Atlas Anchor, The....188
Atlas Anchor, The New....242
Automatic Restoring Drop, The Latest....378-379
Automatic Service Records. T. V. Davis....199-200
Automatic Telephone Index....51
A Word About $1,000 Bluffs....295

Baird Pay Stations....114-115
Ballad of the Telephone....226
Ballast Boards Winning Their Way....318
Ballast on Top Again....371-372
Banking Poles. G. F. Hardwicke....179
Bell Companies Combine....269
Bell Deserted in Texas....309
Bell Franchise Forfeited....189
Bell Increases Rates at Pittsburg....89
Bell Memorial, The. J. D. Wrenn....161
Bell Ordinance Vetoed....99
Bell Service in Spokane....193
Berlin Long Distance Exchange, The. Dr. Alfred Gradenwitz....139-142
Big Fall Trade....158
Blackburn Ground Clamp....115
Blackburn Ground Clamps at Detroit....319
Black Enameled Wire....372
Boost; Don't Knock....360-361
Boston's Independent Company....9
Bourseul Before Bell....11
Bristol Company Establishes Chicago Agency....188
Building for the American School of Correspondence....370-371
Business Administration....36
Business Opportunity, An Attractive....239
Busy Rural Line, The....279
Butte's New Telephone Exchange. R. D. Foster....326-330
Buzzell, G. W., The Late....221

Cable Clipper, New....379
Cable Testing in Multiple Tap Work. P. Kerr Higgins....40-41
Canadian Convention, The. H. D. Fargo....216-218
Canadian Reinforcement, A....294-295
Canadians Refuse Compromise....160
Canadian Telephone Convention. R. S. Gray....134-135
Can't Marry Without Permission....89
Can Top Cable Terminals, New Type of....55-56
Catching Fish by Telephone....77
Cedar Poles and Biblical History....56
Center Block Distribution....320
Central Electric's New Price List....312
Central Neglected Her....80
Century Company's New Book....384
Century's Recent Orders....319
Century Telephone Construction Company....189
Chase-Shawmut Specialties....118
Chicago Bell Franchise, The....359-360
Chicago Situation, The. F. P. Tiffany....202-204
Chicago Telephone Situation....102
Church, W. C., Lumber and Coal Company....48-49
Cleared the Trouble....81

Clement-Automanual System, New....310-312
Combinations....257-258
Come to Chicago in January....358-359
Commending Telephone Investments....387
Compensating Microphone, The....57-59
Concerning Good Times....298
Concerning "Number, Please?"....223
Concerning the Kellogg....206-207-276-277
Concerning Tree Trimming....99-100
Connecticut Campaign, The....101-102
Consolidation, An Important....315
Construction and Equipment of Toll Lines. Charles H. Coar....234-237
Construction of Concrete Poles. E. M. Morton....232-233
Convention Papers....119-129-172-174
Cook Self Welding Wire Joint....314-315
Cook's, Frank B., New Orders....243-244
Co-operation Wanted....296
Copper Prices Lowered....101
Corn Belt Company Prospers....292
Corwin Automatic Intercommunicating Apparatus....246-247
Cost of Monopoly, The....361
Courtesy to Subscribers....297-298
Cracraft-Leich Electric Company....185-186-374-377
Cuyahoga Increases Capital....189

Dagger's, Francis, New Move....105
Deaf Hear by Telephone....113
Dean Advertising Manager....181
Dean Company's New Plant....185
"Dean" Detroit Toll Board....113
Dean Folder No. 12....118
Dean Harmonic Converters....110
Dean Switchboard with Non-multiple Circuit....238
Dearborn Telephones....57
Decay of Poles....242
Decisions Affecting Telephony. G. W. Hand....10-11-70-71-175-177-230-231-306-309-348-350
Demonstrating Hargis Joints....51
Detroit Telephone System. J. P. Boylan....262-269
Development in Alberta....347
Digest of Telephone Patents. E. E. Clement....25-27-90-92-142-144-219-221-278-279-352-353
Dissatisfied....81
Does Not Like to Use the Telephone....73
Don'ts for Canvassers....350
Double Arms and Guys, A Few Points On. L. W. Carroll....21-22
Duluth Log Company, The....380-382
Durable Cross Arms....116

Early Operating Methods. J. G. Wray....170-171
"Easy Diggings"....115
Editorial Department....36-39-98-103-156-161-222-227-294-299-358-361
Elections and Meetings....252-253
Electric Cable Puller. E. F. Strong....177-178
Electrical Measuring Instruments....56-115-116
Electrical Retardation Phenomena. Einar Brofos....74-78
Electrical Show Exhibitors....385
Electrose Shell....111
Elkhart Shipment, An....386
"Ericsson" All Steel Telephones, New....312-313
Ericsson Phantom Circuit Transformer....111
Ericsson Publication, The New....382
Eureka Fasteners and Insulators....116
Expansion of the Premier Electric Company....183
Expense of Telephone Removals....37-38
Experiments in Wireless Telephony. Ernest Ruhmer....15
Extensions and Improvements....255-256
Extension to Roebling Works....243

Factory for Canada, New....188
Fair Trial and an Honest Judge....89
Fake Telephone Popularity....353
Farmers' Telephone Book....57
"Fault-Finder," A New....378
Features of the Electrical Show. A. D. Blocker....284-285
Few Telephones in Liverpool....135
Fighting the Bell in Tennessee. W. J. Huffstetler....83
Financial Notes....256-257
Fine New Wire Mills Finished....115
"Flexiphone" Wins a Welcome....56
Foiling an Eavesdropper. J. D. Archer....344-346
Forest Reserve Telephones....82-83
Forest Service Timber Tests....14
Fortunate to Escape from Tornado....118
Fort Wayne Company Wins....308-309
Fort Wayne Home Pays Dividends....90
Fort Worth Wants Lower Rates....83
Four Distinguished Voyagers....309
Free Business Telephones....37
From Across the Sea....298
Future of the Industry, The....360
Future Outlook Is Promising....295-296

Gary, Theodore, Investment Company....242
"Gass" Light in the House....85
Gem Wire and Cable Grip....57
General Engineering Company's Ball Club....116
Generator Call Lamp Supervisory Systems. H. P. Clausen....12-14
Genuine "Trouble" Line....50
German-Danish Telephone Cable....77-78
Gould Tandem Couple Storage Batteries....186-187
Government Inquiry, The....99
Government Telephone Improvements....211
Grass Lake (Mich.) Souvenir....293
Gray Pay Station Bulletin....379
Greetings of the Season....361

Harmonic Selective System....110
Heat Coil, New....114
Higher Advertising....373-374
"Hold the Wire"....98-99
Home for Telephone Operators....84-85
"Honey Catches More Flies Than Vinegar." J. L. Bacon, Jr....4
Hotel Telephone, The....365
Hot Weather Hint....38
Houston's First Telephone....200
How One Independent Company Started....189
How Monopoly Lost in Kansas City....145-147
How to Call Number Twenty-one Hundred....41
How to Judge Telephone Securities. Theodore Gary....337-339
How to Remember the Wire Table....107-108
Hubbard & Company Still Growing....384
Humorous Telephony....80-82

"I-let" Metallic Cable Hanger, The New....314
Illuminated Telephone Signs....315
Impedance Along the Line. J. D. Archer....151-152
Importance of Storage Battery Charts. C. E. Fairbanks....72-73
Improvement in Lightning Arresters....182
Improvement at Omaha....198
Improvements in Canada. M. D. Buffington....201
Independents and the Telepost. C. G. France....104-105
Independents Defeat the Bell....237
Independents Enter New York....37
Independents Gain Advantage....225
Independents in Cincinnati....83
Independents Surrounding Cincinnati....160
Independent Telephone Men....261
Independent Telephone Men. R. G. Shelden....325
Independent Telephone Publicity. Theodore Gary....270-272
Independent Telephony in Texas. E. M. Rothelle....86-88
Information Wanted....39
"Inside In" or "Outside Out"....86
Installation of Switchboards. W. J. Stanton....342-343
Instruction Cards; Name Plates....187-188
Interchange of Service....225
International Association Plans....211
International Association, The....222
International Bulletin No. 5. Theodore Gary....293
International Bulletin No. 6....336
International Convention Papers....16-20
International Convention, The....294
International Independent Telephone Association. Theodore Gary....108-109
Inwood (Ia.) Central Office....369
Ironite....372
"Ironite." The New Duplex Drop Wire....56
Items from the Rural Line Districts. O. H. Brandenburg....60-130-194-260-324-389-390
"Jack Anchor," The....240
Japan Extends Its Telephone System....169

Kansas City Long Distance Company. C. D. Wright....283-284
Kansas City Manager, New....56-57
Kansas Convention....330
Kellogg Company, The....136-138
Keystone Annual Report....231

Klein's New "Chicago Grip"....314
Latest Type of Receiver....51
Legal Items....258
Letter from Japan, A....171
Letters to TELEPHONY....388
Levings, S. D., Enters Independent Field....243
Lineman's Testing Telephone....50
Lineman's Solder Paste....56
Long Distance Phonography....317
Long Distance Rates....224
Long Distance Telephone Manufacturing Company's New Sales Manager....50
Long-Suffering "Central"....350

Louisville Home Changes....272
Lusitania's Telephone System, The. E. M. Rothelle....195-198

Magneto Call Switchboard, A New....383-384
Magneto Clearing-Out Drop Service. H. P. Clausen....94-96
Manson's Practical Suggestions. Ray H. Manson....5-9
Manufacturers' Department....
....48-51-110-111-180-184-238-244-310-315-370-374
Mark Twain's Latest....73
Married....84
Measured Service....313-314
"Mesco" Dry Battery, The....243
Method of Preserving Wood. G. H. Erich....106-107
Methods of Creosote Analysis....34-35
Mice!....80-81
Michigan Association Handbook....320
Michigan Managers' Meeting....386-387
Miller, K. B., on Hargis Joints....244
Mine Telephones....319
Minister's Tribute, A....359
Minot Common Battery Ballast Exchange. E. M. Rothelle....1-4
Miscellaneous....259
Mobile Home Company....318
Modern Extension Station Equipment....180-181
Modern System at Decatur, Ill. D. R. Craig....305-306
Modern Toll Switchboard Equipment. J. E. Hilbish, J. B. Thiess and G. A. Joy....152-155-208-211-289-292-362-364
Moisture-Proof or Not Moisture-Proof....182-183
Monarch Telephone Company's New Factory....186
More Idaho Telephone Companies Taxed....96
More Orders for Dean Goods....240
More Popularity for Miller Anchors....181-182
Muskegon Baseball Champions....242
Mystery of the Murder and the Telephone. Howard Pratt....68-69

National Company Report....320
Nebraska Association Resolution....361
Nebraska Meeting....169
Newark Company Prospers....221
New Branch to Be Opened....113
New Companies....248-252
New Construction....253-254
New England Situation....223
New Haven, Ind., A Victory at....207
New Kind of Trouble....85
New Men in Farr Company....320
New Protector and Distributing Board....241
New Type of Magneto....372-373
New York Bell in Grief....160
New York State Convention....150
New York State Convention. J. H. Oliver....321
New York State Organizing by Districts....330
Norfolk (Nebraska) System. W. J. Stadelman....366-367
North Carolina Independents Meet....163
Northern Pacific Adopts Independent Equipment....38-39
North Synchromonic System....53-54
No Telephone; No Sale....269

Odd Cause of "Trouble"....86-87
Odd Telephone Stories....71
Official Bulletin Number One. Theodore Gary....46-47
Ohio District Meetings....277
Ohio Meeting, Special....71
Ohio's Determined Stand....159-160
One Way to Get "Ground"....84
Oppose Chicago Telephone Ordinance....158-159
Orders for V-B "Ballast" Boards, New....188-189
Ordinances and Franchises....254-255
Organization....98
Our Anniversary Number....358
Over 10,000 Circulation....156

Patronize Home Industries....103
Pay Station, A New....54
Pay Station Thieves Caught....304
Peirce Specialty Company....242
Peirce Specialty Company's New Brace....314
Peirce Specialty Company's New Offices....54-55
Pennsylvania Convention, The. A. B. Turner....286-288
Permanent Places for Telephones....79
Personal Mention....258-259
Pertinent Inquiry, A....223-224
Pistol Shots by Telephone....178
Pole Changers and Duplex Sets....165
Poles Set in Concrete....185
Portable Lamps for Holidays....319
Poulsen's Telephonic Message Recorder....147-148
Premier Electric Company's New Lines....57
Progress in West Virginia. E. M. Rothelle....140-150
Progress of the Month. H. A. Downey....248-259
Progress of Wireless Telephony....96
Protector "Type H." The New....313

Pupin Mode of Working Trunk Telephone Lines. Sir William Preece....149-150

Questions and Answers. H. P. Clausen....
....23-25-84-85-162-163-204-206-300-304-354-356

Radio Telephony Tests Successful....168-169
Raising Timber for Profit....144
Read Your Trade Paper....86
Red "E" Solder Paste....57
Reorganizations....253
Repairs Under Difficulties....82
Report of the States....28-33
Resignation of A. L. Waterbury, The....357
Rest Room for Operators....67
Review of Telephone Development. Sam'l G. McMeen....280-282
Roberts' Lockout System....113
Rural Babel, The....385
Rural Telephone Rules....103
Sales Conducted by Telephone....78
Sauce for the Gander....224-225
S-C No. 14 Type Receiver....318
Selection of Exchange Equipment. H. P. Clausen....273-275
Selective Party Line Systems. H. P. Clausen....340-341
Serviceable Operators' Chairs....55
Service and the Service Man. Edwin J. Kennedy....368-369
Shipping Apparatus to India....186
Shipping Cable as Live Stock....79
Situation in Chicago, The....296
Skelley Telephone Holders....320
Sodium Transmission Lines....59
Some Comparative Data....102-103
Some Strong Resolutions....359
Southern Accent Passing....100
Spoke Dutch....88
Squirrels and Lead Cables....304
Sterling Electric Exhibit....54
Sterling, W. C., & Son Company....51
Stolz Electrophone....48
Storekeeper's Telephone....103
Stromberg-Carlson's Latest....244
Stromberg-Carlson's Self-Restoring Gravity Drop....187
Stromberg-Carlson Test Set....240-241
Stromberg-Carlson Trade Mark....379
Successful Telephone House....56
Sumter Company and Its Work....186
Sumter Company's Success....373
Swedish-American Doing Large Business....115
Swedish-American Sales....118
Swedish-American Sales, Recent....318-319
Swedish-American Sells Good Orders....241-242
Sykes, H. R., to Sell "Easophones"....315
Syracuse Independent Company. H. C. Slemin....227-229

Table of Contents....36-98-156-222-294-358
Teclmical Writer, A New....73
Telephone Abstraction....231
Telephone as a Detective, The. R. B. Foss....351
Telephone Business, The....347
Telephone Competition Pays....101
Telephone Good Form....138
Telephone Good Nature....98
Telephone Habit, The....222
Telephone Improvements in Australia....215
Telephone Market in China....89
Telephone News from Abroad. J. W. Bruer....322-323
Telephone Operator, A Young....339
Telephone Operator's Heroism....275
Telephone Ornamentation....138
Telephone Power Systems. Thomas Lambert....331-336
Telephone Protection....118
Telephone Romance, A....78-79
Telephone Rules in Australia....52
Telephone Service in Apia....330
Telephone Service on Railroad Lines. S. Lewis Van Akin, Jr....190-192
Telephone Supplies....57
Telephone Transmitters of To-Day. H. P. Clausen..131-133-212-215
Telephone Troubles in New York....59
Telephone Troubles in the West. L. F. Wilson....35
Telephone Wire Plant, The. S. P. Grace....61-67
Telephone Wire vs. Fence Wire....238-239
Telephoneless Town, The....155
Telephones and the Postoffice....81-82
Telephones in Coal Mines, The Use of....22
Telephones in Spain....88
Telephones on Electric Railways....346-347
Telephones Under Water....76-77
Telephony's Position....156-157
Terminal Box for Building Work, New....189
Tests Made of Insulator Pins....317

Texas Independents Meet....71
Theatrical Work Done by Telephone....367
The Burglar and the Telephone....92
The Kaiser and His Telephone....92
The Lightning Age....129
These Won Telephones....240
The Telephone....361
The Telephone Next Door....87
This Is On W. H. Hemphill....178
Three Good Telephone Specialties....183
Three New Specialties....241
Tideman's, Henry, New Company....57
"'Tis But a Tent"....39
Toast to the Operator....80
To Independents....358
Topeka Independent Telephone Company. George B. Roberts, 79-80
Trade Notes....52-57-112-116-184-189-245-248-316-320-386
Train-Dispatching by Telephone....133
Transfers....257
Traveling Telephones....83-84
Tried by Telephone....22
Two Good Resolutions....39

Underground Construction....258
Underhang Bracket, New Style of....55
Unfair to the Telephone....247
Universal Telephone, The. C. J. H. Woodbury....93
Use of Copper, The....226
Use of Phantom Circuits, The. W. H. Hyde....365

Vail's Admission, President....295
Vermont-New Hampshire Convention....9-82
Visual Signal Switchboards....384
Voice of His Conscience, The....76
Vote-Berger's New Engineer....385

Warning to Operators, A....359
West and the East, The....296-297
Westcott's, George T., New Agency....50
What a First Class Telephone Switch Means....244
What Competition Does....298
What It Does and Doesn't....50
What Next....88
When Might Is Right....39
Where Consistency Paid....101
Where the Bell Cut Rates....226
Wilmot Stephen's Climbers....386
Willard Storage Battery Prospers....319-320
Winning Public Sentiment....222-223
Wins an Important Suit....47
Wire and Telephone Company's Increased Facilities....317
Wireless Buzzer, The. J. G. Nolan....97
Wire Saved Aeronaut's Life....350
Work in California....285
Working Conditions of "Central"....298-299
Working With a Will....226